

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/539,440  
Source: PCT  
Date Processed by STIC: 7/13/06

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PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,440

DATE: 07/13/2006

TIME: 09:28:18

Input Set : A:\SEQ list P697PC00.ST25.txt  
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5 <110> APPLICANT: ENKAM Pharmaceutical A/S  
 9 <120> TITLE OF INVENTION: Method of modulation of interaction between receptor and ligand  
 13 <130> FILE REFERENCE: P 697 PC00  
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/539,440  
 C--> 17 <141> CURRENT FILING DATE: 2005-06-20  
 17 <160> NUMBER OF SEQ ID NOS: 146  
 21 <170> SOFTWARE: PatentIn version 3.1  
 25 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 15  
 29 <212> TYPE: PRT  
 31 <213> ORGANISM: Artificial sequence  
 35 <220> FEATURE:  
 37 <223> OTHER INFORMATION: NCAM Fn III, 2 [Swiss-Prot: P13591]: FGFR binding motif  
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 57 <223> OTHER INFORMATION: Interleukin-6 receptor beta chain [Swiss-Prot: Q00560]: FGFR bind  
 58                 ing motif  
 60 <400> SEQUENCE: 2  
 62 Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu Gly Lys Lys Val  
 63 1               5                   10                   15  
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 68 <211> LENGTH: 14  
 70 <212> TYPE: PRT  
 72 <213> ORGANISM: Artificial sequence  
 76 <220> FEATURE:  
 78 <223> OTHER INFORMATION: Heparan sulfate proteoglycan perlecan [Swiss-Prot: P98160]: FGFR  
 79                 binding motif  
 81 <400> SEQUENCE: 3  
 83 Ala Thr Asn Arg Gln Gly Lys Val Lys Ala Phe Ala His Leu  
 84 1               5                   10  
 87 <210> SEQ ID NO: 4  
 89 <211> LENGTH: 16  
 91 <212> TYPE: PRT  
 93 <213> ORGANISM: Artificial sequence  
 97 <220> FEATURE:

99 <223> OTHER INFORMATION: Disintegrin and metalloprotease domain 8 (ADAM-8) [Swiss-  
Prot: Q0  
100 5910]: FGFR binding motif

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 110 <211> LENGTH: 13  
 112 <212> TYPE: PRT  
 114 <213> ORGANISM: Artificial sequence  
 118 <220> FEATURE:  
 120 <223> OTHER INFORMATION: Axonal-associated cell adhesion molecule [NCBI: NP\_446331]:  
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 121 binding motif  
 123 <400> SEQUENCE: 5  
 125 Val Ala Glu Asn Ser Arg Gly Lys Asn Val Ala Lys Gly  
 126 1 5 10  
 129 <210> SEQ ID NO: 6  
 131 <211> LENGTH: 14  
 133 <212> TYPE: PRT  
 135 <213> ORGANISM: Artificial sequence  
 139 <220> FEATURE:  
 141 <223> OTHER INFORMATION: Myelin-associated glycoprotein (MAG) [Swiss-Prot: P20917]:  
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 142 binding motif  
 144 <400> SEQUENCE: 6  
 146 Gly Glu Tyr Trp Cys Val Ala Glu Asn Gln Tyr Gly Gln Arg  
 147 1 5 10  
 150 <210> SEQ ID NO: 7  
 152 <211> LENGTH: 14  
 154 <212> TYPE: PRT  
 156 <213> ORGANISM: Artificial sequence  
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 162 <223> OTHER INFORMATION: FIII,1 domain of NCAM [Swiss-Prot: P13591]: FGFR binding  
**motif**  
 164 <400> SEQUENCE: 7  
 166 Arg Leu Ala Ala Leu Asn Gly Lys Gly Leu Gly Glu Ile Ser  
 167 1 5 10  
 171 <210> SEQ ID NO: 8  
 173 <211> LENGTH: 16  
 175 <212> TYPE: PRT  
 177 <213> ORGANISM: Artificial sequence  
 181 <220> FEATURE:  
 183 <223> OTHER INFORMATION: Neuronal nicotinic acetylcholine receptor alpha 3 subunit  
**(CHRNA3)**  
 184 3) [Swiss-Prot: Q8VHH6/P04757:/Q8R4G9/P32297]: FGFR binding motif  
 186 <400> SEQUENCE: 8  
 188 Lys Tyr Ile Ala Glu Asn Met Lys Ala Gln Asn Val Ala Lys Glu Ile  
 189 1 5 10 15  
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 196 <212> TYPE: PRT  
 198 <213> ORGANISM: Artificial sequence  
 202 <220> FEATURE:  
 204 <223> OTHER INFORMATION: FIII,1 domain of NCAM (Swiss-Prot: P13591): FGFR binding  
**motif**

206 <400> SEQUENCE: 9

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Input Set : A:\SEQ list P697PC00.ST25.txt  
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 224 <223> OTHER INFORMATION: Granulocyte colony stimulating factor receptor precursor (G-CSF-  
 R; CD114 antigen) [ Swiss-Prot: Q99062]: FGFR binding motif  
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 229 Lys Gly Leu Gly Glu Ile Ser Ala Ala Thr Glu Phe Lys Thr  
 230 1 5 10  
 233 <210> SEQ ID NO: 11  
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 243 <220> FEATURE:  
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 263 <220> FEATURE:  
 265 <223> OTHER INFORMATION: Granulocyte colony stimulating factor receptor precursor (G-CSF-  
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 270 Ile Trp Val Gln Ala Glu Asn Met Leu Gly  
 271 1 5 10  
 274 <210> SEQ ID NO: 13  
 276 <211> LENGTH: 11  
 278 <212> TYPE: PRT  
 280 <213> ORGANISM: Artificial sequence  
 284 <220> FEATURE:  
 286 <223> OTHER INFORMATION: Cytokine-like factor-1 precursor (CLF-1) [Swiss-Prot:  
 O75462]: FG  
 287 FR binding motif  
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 291 Glu Ile Trp Val Glu Ala Thr Asn Arg Leu Gly  
 292 1 5 10  
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 297 <211> LENGTH: 10  
 299 <212> TYPE: PRT  
 301 <213> ORGANISM: Artificial sequence  
 305 <220> FEATURE:  
 307 <223> OTHER INFORMATION: Interleukin-23 receptor (IL-23R) [Q8NFQ9]: FGFR binding  
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 309 <400> SEQUENCE: 14  
 311 Val Trp Val Gln Ala Ala Asn Ala Leu Gly

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Input Set : A:\SEQ list P697PC00.ST25.txt  
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325 <220> FEATURE:
327 <223> OTHER INFORMATION: Complement factor 1 q , alpha polypeptide (C1QA) [Swiss-Prot: Q9D
328     CM6]: FGFR binding motif
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332 Glu Val Trp Ile Glu Lys Asp Pro Ala Lys Gly Arg Ile
333 1           5           10
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338 <211> LENGTH: 14
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342 <213> ORGANISM: Artificial sequence
346 <220> FEATURE:
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binding
349     motif
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353 Ala Thr Asn Lys Gly Gly Glu Val Lys Lys Asn Gly His Leu
354 1           5           10
357 <210> SEQ ID NO: 17
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361 <212> TYPE: PRT
363 <213> ORGANISM: Artificial sequence
367 <220> FEATURE:
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370     binding motif
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375 1           5           10           15
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380 <211> LENGTH: 15
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384 <213> ORGANISM: Artificial sequence
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390 <223> OTHER INFORMATION: ADAM-8 precursor (EC 3.4.24.-) [Swiss-Prot: P78325]: FGFR
binding
391     motif
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395 Arg Tyr Val Glu Leu Tyr Val Val Asp Asn Ala Glu Phe Gln
396 1           5           10           15
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401 <211> LENGTH: 16
403 <212> TYPE: PRT
405 <213> ORGANISM: Artificial sequence
409 <220> FEATURE:
411 <223> OTHER INFORMATION: ADAM-12 precursor (EC 3.4.24.-) [Swiss-Prot: O43184; Q61824]:
FGFR
412     binding motif

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414 <400> SEQUENCE: 19

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Input Set : A:\SEQ list P697PC00.ST25.txt

Output Set: N:\CRF4\07132006\J539440.raw

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 424 <212> TYPE: PRT  
 426 <213> ORGANISM: Artificial sequence  
 430 <220> FEATURE:  
 432 <223> OTHER INFORMATION: Metalloproteinase-disintegrin domain containing protein  
 TECADAM [  
 433 AF163291] : FGFR binding motif  
 435 <400> SEQUENCE: 20  
 437 Lys Tyr Ile Glu Tyr Tyr Val Val Leu Asp Asn Gly Glu Phe Lys Lys  
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 443 <211> LENGTH: 14  
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 451 <220> FEATURE:  
 453 <223> OTHER INFORMATION: ADAM-33 precursor (EC 3.4.24.-) [Swiss-Prot: Q9BZ11/Q923W9] :  
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 454 binding motif  
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 458 Arg Tyr Leu Glu Leu Tyr Ile Val Ala Asp His Thr Leu Phe  
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 466 <212> TYPE: PRT  
 468 <213> ORGANISM: Artificial sequence  
 472 <220> FEATURE:  
 474 <223> OTHER INFORMATION: ADAM-1A Fertilin alpha [Swiss-Prot: Q8R533] : FGFR binding  
 motif  
 476 <400> SEQUENCE: 22  
 478 Lys Tyr Val Glu Met Phe Val Val Val Asn His Gln Arg Phe Gln  
 479 1 5 10 15  
 482 <210> SEQ ID NO: 23  
 484 <211> LENGTH: 14  
 486 <212> TYPE: PRT  
 488 <213> ORGANISM: Artificial sequence  
 492 <220> FEATURE:  
 494 <223> OTHER INFORMATION: ADAM-9 [Swiss-Prot: Q13433; Q61072] : FGFR binding motif  
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 498 Arg Tyr Val Glu Leu Phe Ile Val Val Asp Lys Glu Arg Tyr  
 499 1 5 10  
 502 <210> SEQ ID NO: 24  
 504 <211> LENGTH: 16  
 506 <212> TYPE: PRT  
 508 <213> ORGANISM: Artificial sequence  
 512 <220> FEATURE:  
 514 <223> OTHER INFORMATION: ADAM-7 precursor [Swiss-Prot: Q9H2U9] : FGFR binding motif  
 516 <400> SEQUENCE: 24  
 518 Lys Tyr Val Glu Leu Phe Ile Val Ala Asp Asp Thr Val Tyr Arg Arg  
 519 1 5 10 15

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/539,440

DATE: 07/13/2006

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Input Set : A:\SEQ list P697PC00.ST25.txt

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date